

Notice of Allowability

Application No.

09/387,502

Examiner

X L Bautista

Applicant(s)

WILKINS, DAVID

Art Unit

2179

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 6/21/04.
2. ☒ The allowed claim(s) is/are 1,4-11,14-18 and 21-36.
3. ☒ The drawings filed on 01 September 1999 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☒ to Paper No./Mail Date 4.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

X. L. Bautista
Primary Examiner
Art Unit 2179

DETAILED ACTION

Reason for Allowance

1. Claims 1, 4-11, 14-18, and 21-36 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Independent claims 1, 11, 18, 26, and 33 have been carefully considered.

Prior art of record fails to teach the combination of claimed elements including user-controllable graphics engine for creating a graphics scene in a television broadcast system; a template data element for representing a television broadcast frame; the template data element having a graphics component and a data field component; processing the template data element and an information unit source to enter in the data field component a selected information unit to form a representation of the graphics scene; generating a set of commands based on the representation of the graphics scene, the set of commands being executable by the graphics engine to create an on-air television broadcast frame.

Gill et al (US 6,081,262) discloses a multimedia presentation generation system that uses a multimedia authoring tool extension of a page based print document layout system to combine media objects of multiple diverse types into an integrated multimedia presentation.

Boyer et al (US 6,268,849 B1) discloses techniques for providing television program guide information and services with embedded real-time data to a user over the Internet. Dynamic information regarding events in progress may be provided to the web server; the dynamic information may be linked with related static information in the media library and/or the data server to provide the user with additional information pertaining to the events in progress.

Rohlfing et al (US 6,034,739) discloses a method and system for combining real scene elements from a television-type camera with virtual scene elements from a virtual camera. The system can be operated in real-time to produce real-time images. A database is created through the use of specialized virtual image generator control software.

Gordon et al (US 6,754,905 B2) discloses a method for providing an interactive electronic program guide for use in an interactive video information delivery system. The system combines the user of broadcast digital video streams with video-on-demand streams to produce audiovisual user interface. The system allows manipulation of a graphics overlay plane displayed in conjunction with a video image.

Okamura et al (US 6,701,524 B1) discloses a transmitting apparatus for an interactive communication system using a broadcast wave. The apparatus has a first storing unit for storing a plurality of frames of image data, and a second storing unit

for storing control information for each frame of image data. The apparatus converts HTML documents of the WWW server on the Internet into image data and control information for broadcasting.

Gill, Boyer, Rohlfing, Gordon and Okamura fail to teach or suggest generation of a set of commands based on the representation of the graphics scene, the commands being executable by the graphics engine to create an on-air television broadcast frame.

Conclusion

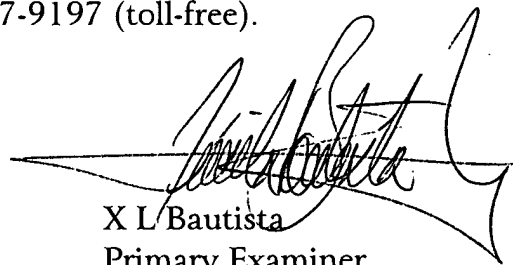
3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to X L Bautista whose telephone number is (571) 272-4132. The examiner can normally be reached on Monday-Thursday 8:00AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on (757) 272-4136. The fax phone number for the organization where this application or proceeding is

assigned is 703-872-9306.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'X L Bautista', is written over a horizontal line.

X L Bautista
Primary Examiner
Art Unit 2179

xlb
March 4, 2005